
2012 Kentucky Annual Administrative Claims Data Report - Cardiac Catheterization

January 1 through December 31, 2012

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Cabinet for Health and Family Services
Office of Health Policy



2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

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2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

INTRODUCTION

Thank you for your interest in the **2012 Annual Administrative Claims Data Report – Cardiac Catheterization**. This report covers the utilization of Cardiac Catheterization Labs by licensed Kentucky hospitals for the calendar year January 1, through December 31, 2012. The administrative claims data submitted by hospitals and ambulatory facilities as required by 900 KAR 7:030 – Data Reporting by Health Care Providers was used to produce the utilization information in this report. This year the administrative claims report is being broken out into separate report for each section of the previous report. We decided to do this so that we can expand the analysis of each area of the administrative claims data.

The Kentucky Annual Administrative Claims Data Report – Cardiac Catheterization uses the administrative claims data to determine utilization. The Certificate of Need Inventory of Health Facilities and Services provides information about the number of cardiac catheterization labs that have received CON approval. This list may be viewed on our web site at: <http://chfs.ky.gov/ohp/con/>.

The report is divided into 3 sections:

- ◆ **Section I – Maps of the locations of Diagnostic Cardiac Catheterization Labs and Therapeutic Cardiac Catheterization Labs in Kentucky**
- ◆ **Section II – Cardiac Catheterization Utilization**

The source of all data used to produce this report is the administrative claims data submitted pursuant to 900 KAR 7:030 – Data Reporting by Health Care Providers.

Questions or comments regarding the data contained in this report should be directed to Allison Lile at (502) 564-9592, ext. 3155, or e-mail: Allison.Lile@ky.gov.

This report becomes the most recent official data on cardiac catheterization utilization published by the Cabinet for Health Services. For additional copies of this report, please submit a request in writing along with a check in the amount of \$20.00 made payable to the Kentucky State Treasurer to:

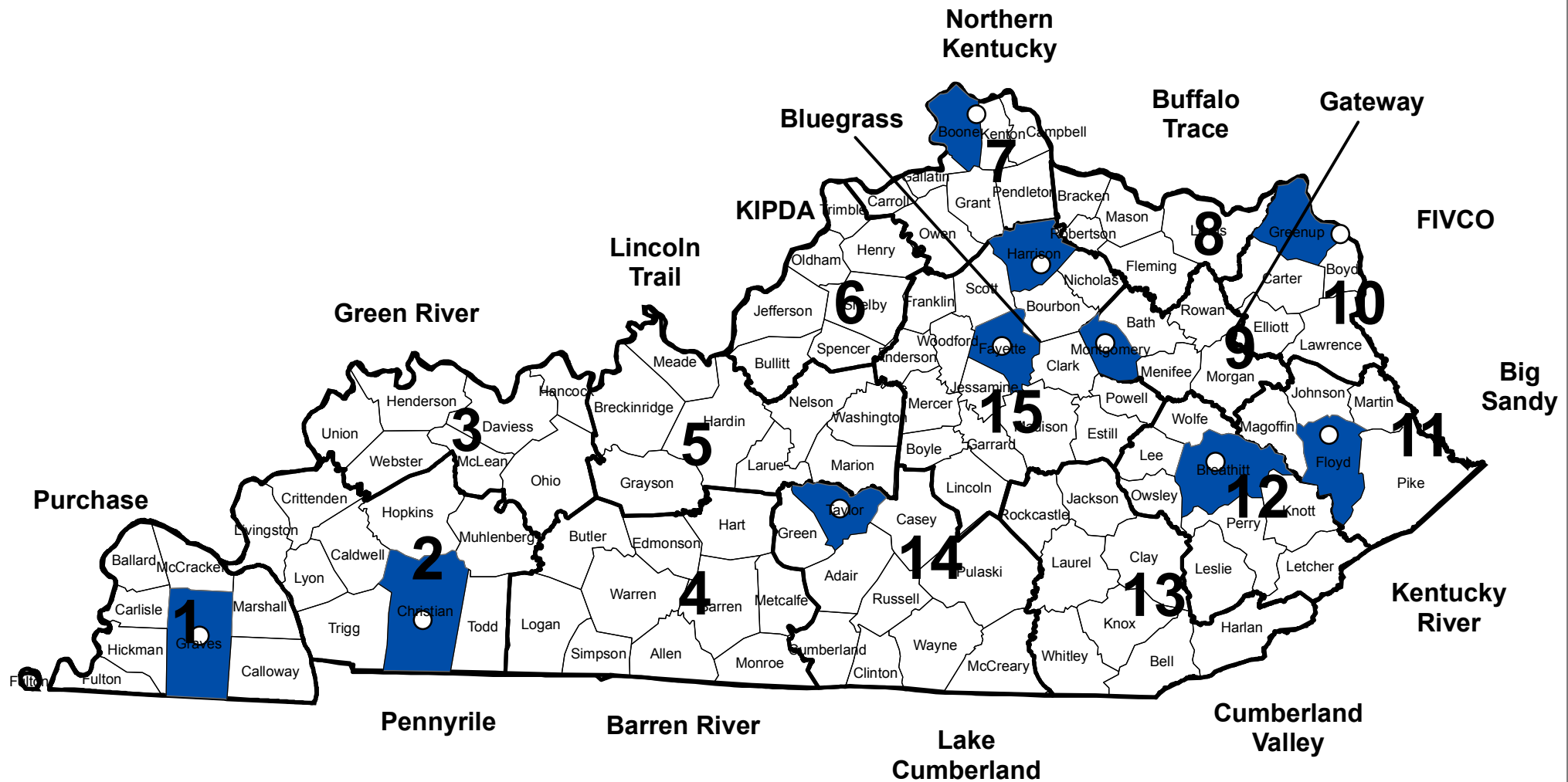
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SECTION I

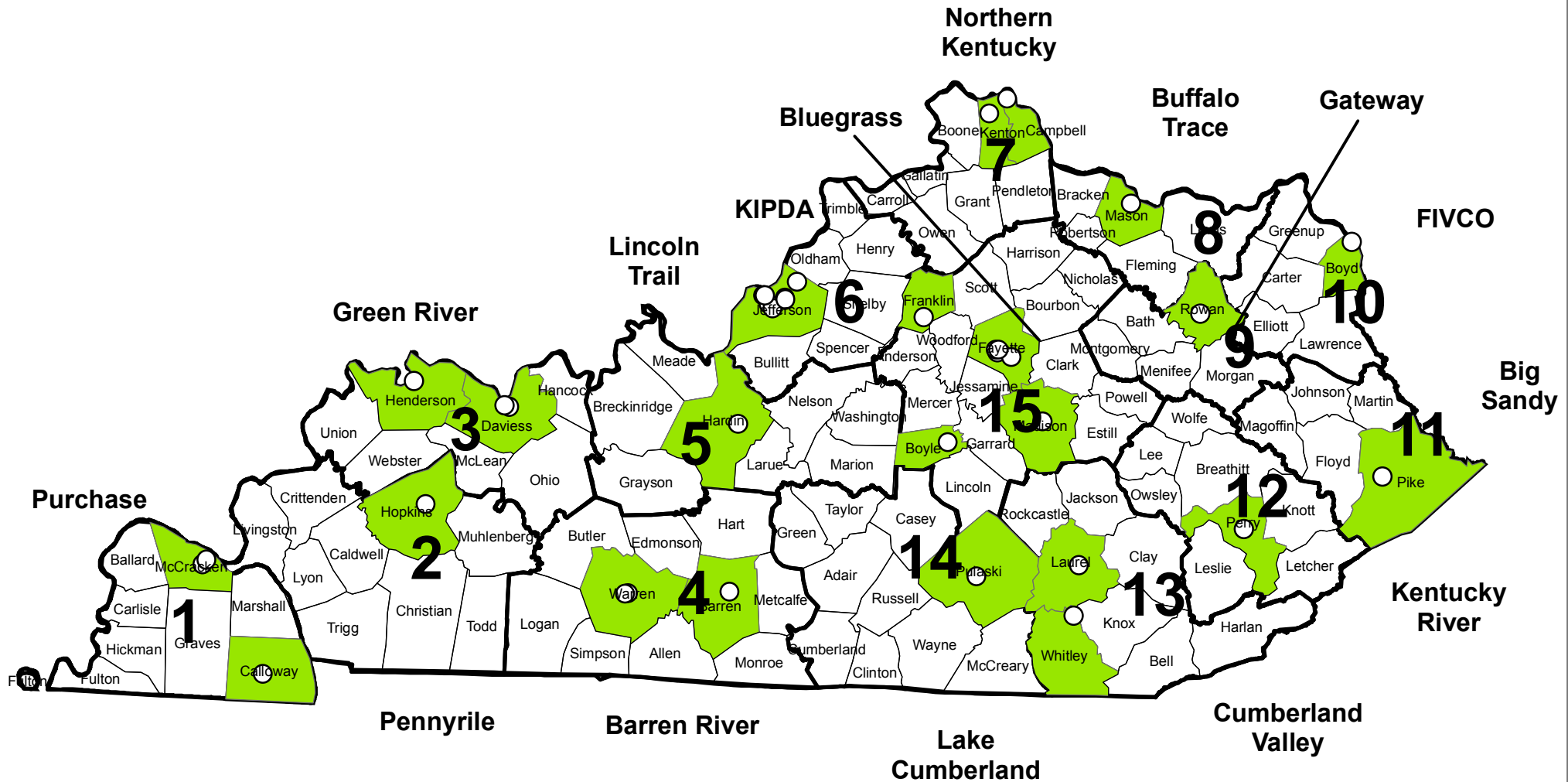


*Maps of Diagnostic and Therapeutic
Cardiac Catheterization Labs*

Diagnostic Cardiac Catheterization Facilities in Kentucky



Therapeutic Cardiac Catheterization Facilities in Kentucky



SECTION II



Cardiac Catheterization Utilization

2012 ANNUAL ADMINISTRATIVE CLAIMS REPORT

Section II

Cardiac Catheterization Utilization

Cardiac catheterization is a diagnostic or therapeutic procedure in which a catheter is introduced into a large vein or artery, usually of an arm or leg, and threaded through the circulatory system to the heart. A single procedure lasts from the time the catheter is inserted until the time that the catheter is completely withdrawn from the patient. With regard to cardiac catheterization services the term “laboratory” (lab) means each dedicated room within a fixed-site facility which is individually equipped and staffed for the purposes of performing cardiac catheterizations.

To determine the number of cardiac catheterizations performed, each administrative claims record was examined to determine if it contained one of the following procedure codes. Inpatient Hospital Discharge records were examined for ICD-9 Procedure codes as published in the 2012 Professional Edition ICD-9-CM manual for Hospitals Volume 3, while Outpatient Services Records were examined for CPT Procedure codes as published in the 2012 Professional Edition Current Procedural Terminology manual.

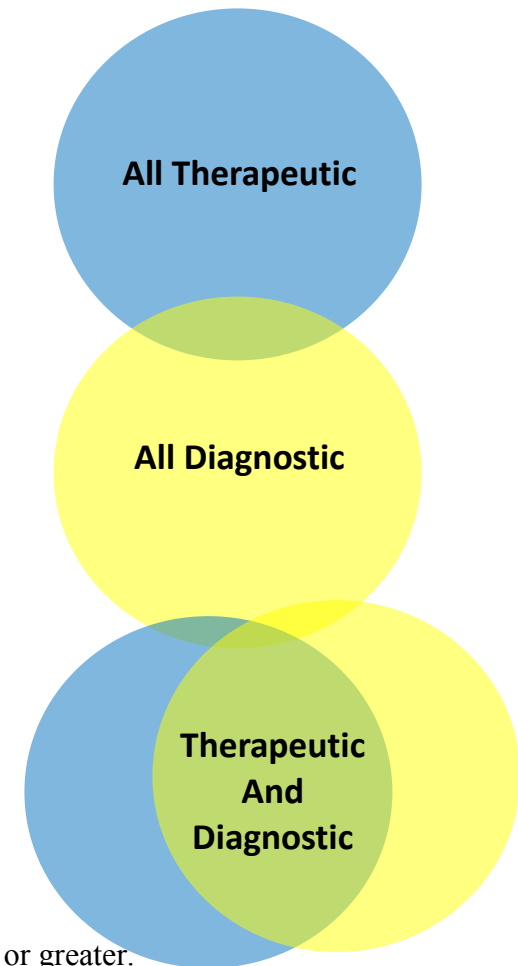
Diagnostic Catheterization		Therapeutic Catheterization	
ICD-9 Procedure Code	CPT/HCPCS Procedure Code	ICD-9 Procedure Code	CPT/HCPCS Procedure Code
0050 - 0051	33206 - 33207	0045 - 0048	0234T – 0238T
3721 - 3723	33208	0066	92961
3725 - 3726	93503	1755	92980
3780 - 3783	93505	3606	92981
3785 - 3787	93451 - 93462	3607	92982
3794	93530 - 93533		92984
885	93619		92995 - 92998
8850 - 8854	93620 - 93622		93650 - 93652
8855 - 8857	93640 - 93642		G0290
8859	93660		G0291
	93619		G0290

NOTE: Electrophysiologic testing procedures were counted as “diagnostic” catheterizations.

All Therapeutic: Includes a count of the number of administrative claims records where the record included at least one Therapeutic Code regardless of the presence of any Diagnostic code(s).

All Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic Code regardless of the presence of any Therapeutic code(s)

Therapeutic & Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic code AND at least one Therapeutic code. This count includes the overlap of the previous two groups.



“Pediatric” means the patient age is 17 years or less. “Adult” means the patient age is 18 years or greater.

Table 1 shows therapeutic and diagnostic cardiac catheterization utilization.

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE											
	Calloway	Murray Calloway County Hospital		3	3					10	10
	Graves	Jackson Purchase Medical Center								51	51
	McCracken	Lourdes Hospital		467	467		371	371	2	1,963	1,965
		Western Baptist Hospital		703	703		656	656	1	1,510	1,511
		01 - Purchase Total		1,173	1,173		1,027	1,027	3	3,534	3,537
02 - PENNYRILE											
	Christian	Jennie Stuart Medical Center Inc								14	14
	Hopkins	Baptist Health Madisonville		430	430		389	389	2	1,204	1,206
		02 - Pennyrile Total		430	430		389	389	2	1,218	1,220
03 - GREEN RIVER											
	Daviess	Owensboro Medical Health System		624	624		495	495	1	1,886	1,887
	Henderson	Methodist Hospital		2	2					35	35
		03 - Green River Total		626	626		495	495	1	1,921	1,922
04 - BARREN RIVER											
	Barren	T J Samson Community Hospital		259	259		222	222		503	503
	Warren	Greenview Regional Hospital		7	7		5	5		98	98
		The Medical Center at Bowling Green		939	939		821	821	1	2,952	2,953
		04 - Barren River Total		1,205	1,205		1,048	1,048	1	3,553	3,554
05 - LINCOLN TRAIL											
	Hardin	Hardin Memorial Hospital		210	210		151	151	4	990	994
		05 - Lincoln Trail Total		210	210		151	151	4	990	994

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

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ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
06 - KIPDA											
	Jefferson	Baptist Hospital East		1,099	1,099		906	906		2,330	2,330
		Jewish Hospital		950	950		760	760	1	2,148	2,149
		University of Louisville Hospital	1	168	169		115	115	1	466	467
		Norton Audubon Hospital		937	937		697	697		2,723	2,723
		Norton Suburban Hospital		23	23		1	1		263	263
		Saints Mary & Elizabeth Hospital		193	193		172	172		636	636
		Norton Hospital / Kosair Childrens Hospital	55	644	699	50	488	538	262	2,010	2,272
		Norton Brownsboro Hospital		30	30		4	4		432	432
		06 - KIPDA Total	56	4,044	4,100	50	3,143	3,193	264	11,008	11,272
07 - NORTHERN KY											
	Boone	St Elizabeth Florence		40	40		17	17		443	443
	Campbell	St Elizabeth Fort Thomas		28	28		10	10		361	361
	Kenton	St Elizabeth Edgewood		1,185	1,185		958	958		4,018	4,018
		07 - Northern Kentucky Total		1,253	1,253		985	985		4,822	4,822
08 - BUFFALO TRACE											
	Mason	Meadowview Regional Medical Center		276	276		153	153		763	763
		08 - Buffalo Trace Total		276	276		153	153		763	763
09 - GATEWAY											
	Rowan	St Claire Regional Medical Center		263	263		231	231		674	674
		09 - Gateway Total		263	263		231	231		674	674
10 - FIVCO											
	Boyd	Kings Daughters Medical Center	1	2,140	2,141	1	1,827	1,828	12	5,748	5,760
		Our Lady of Bellefonte Hospital							7	454	461
		10 - FIVCO Total	1	2,140	2,141	1	1,827	1,828	19	6,202	6,221

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
11 - BIG SANDY											
	Floyd	Highlands Regional Medical Center								76	76
	Pike	Pikeville Medical Center		420	420		357	357	1	1,462	1,463
		11 - Big Sandy Total		420	420		357	357	1	1,538	1,539
12 - KY RIVER											
	Breathitt	Kentucky River Medical Center								126	126
	Perry	Hazard ARH Regional Medical Center		391	391		312	312		1,109	1,109
		12 - Kentucky River Total		391	391		312	312		1,235	1,235
13 - CUMBERLAND VALLEY											
	Laurel	Saint Joseph Hospital London		379	379		364	364		1,566	1,566
	Whitley	Baptist Regional Medical Center								182	182
		13 - Cumberland Valley Total		379	379		364	364		1,748	1,748
14 - LAKE CUMBERLAND											
	Pulaski	Lake Cumberland Regional Hospital		614	614		411	411		1,575	1,575
	Taylor	Taylor Regional Hospital								266	266
		14 - Lake Cumberland Total		614	614		411	411		1,841	1,841
15 - BLUEGRASS											
	Boyle	Ephraim McDowell Reg Medical Center		355	355		296	296		771	771
	Fayette	Central Baptist Hospital	9	1,749	1,758	9	1,472	1,481	10	3,235	3,245
		UK HealthCare Good Samaritan Hospital		16	16		11	11		97	97
		Saint Joseph East		445	445		338	338	2	1,133	1,135
		Saint Joseph Hospital		1,820	1,820		1,604	1,604	12	4,824	4,836
		University of Kentucky Hospital	26	577	603	19	383	402	100	1,700	1,800
	Franklin	Frankfort Regional Medical Center		6	6		1	1	2	138	140
	Harrison	Harrison Memorial Hospital								6	6
	Madison	Pattie A Clay Regional Medical Ctr		21	21		3	3		203	203
		15 - Bluegrass Total	35	4,989	5,024	28	4,108	4,136	126	12,107	12,233
Statewide			92	18,413	18,505	79	15,001	15,080	421	53,154	53,575

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE										
	Ballard		32	32		27	27	*	92	93
	Calloway		105	105		100	100	*	305	309
	Carlisle		30	30		27	27		90	90
	Fulton		25	25		23	23		82	82
	Graves	*	172	173	*	149	150	5	513	518
	Hickman		16	16		15	15		38	38
	McCracken		272	272		233	233	6	905	911
	Marshall		163	163		144	144	*	463	464
02 - PENNYRILE										
	Caldwell		34	34		28	28		125	125
	Christian		49	49		44	44	*	145	147
	Crittenden		47	47		45	45		92	92
	Hopkins	*	240	242	*	216	218	7	714	721
	Livingston		43	43		41	41	*	156	158
	Lyon		29	29		21	21	*	79	80
	Muhlenberg	*	164	165	*	144	145	*	400	402
	Todd		10	10		9	9		42	42
	Trigg	*	23	25	*	19	21	*	96	100
03 - GREEN RIVER										
	Daviess	*	354	356	*	276	278	11	1,063	1,074
	Hancock		25	25		16	16	7	95	102
	Henderson		9	9		5	5	*	50	51
	McLean		61	61		47	47		151	151
	Ohio		77	77		60	60	*	284	286
	Union		*	*		*	*		14	14
	Webster		48	48		39	39	5	133	138

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
04 - BARREN RIVER										
	Allen		119	119		105	105	*	312	314
	Barren		199	199		166	166	*	465	469
	Butler		53	53		45	45	*	207	208
	Edmonson		45	45		41	41	*	185	186
	Hart		73	73		62	62	5	163	168
	Logan	*	110	111	*	103	104	*	369	373
	Metcalfe		61	61		50	50	*	115	116
	Monroe		28	28		24	24		96	96
	Simpson		50	50		40	40	*	131	133
	Warren	5	432	437	5	378	383	11	1,438	1,449
05 - LINCOLN TRAIL										
	Breckinridge		70	70		52	52		210	210
	Grayson	*	111	112	*	84	85	*	315	317
	Hardin		236	236		173	173	11	845	856
	Larue	*	36	37	*	27	28	*	123	126
	Marion	*	75	76	*	54	55	*	179	182
	Meade		54	54		42	42	6	153	159
	Nelson	*	121	125	*	103	107	15	298	313
	Washington		55	55		49	49		113	113

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
06 - KIPDA										
	Bullitt	*	250	253	*	200	202	5	647	652
	Henry		77	77		62	62	*	144	147
	Jefferson	16	2,370	2,386	12	1,861	1,873	60	6,716	6,776
	Oldham	*	136	137	*	108	109	12	344	356
	Shelby		93	93		73	73	*	238	242
	Spencer	*	35	37	*	29	31	5	127	132
	Trimble		24	24		19	19	*	84	87
07 - NORTHERN KY										
	Boone		336	336		274	274		1,248	1,248
	Campbell		228	228		158	158		868	868
	Carroll		50	50		40	40	*	148	149
	Gallatin		40	40		29	29		146	146
	Grant		113	113		87	87		460	460
	Kenton		419	419		339	339		1,629	1,629
	Owen		46	46		38	38		99	99
	Pendleton		55	55		39	39		190	190
08 - BUFFALO TRACE										
	Bracken		74	74		53	53		214	214
	Fleming		123	123		103	103		309	309
	Lewis		112	112		96	96		261	261
	Mason		145	145		75	75		398	398
	Robertson		15	15		10	10	*	31	32

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
09 - GATEWAY										
	Bath		98	98		78	78		211	211
	Menifee		40	40		35	35		95	95
	Montgomery	*	132	135	*	117	119	8	357	365
	Morgan	*	76	77	*	65	66	*	221	222
	Rowan		129	129		114	114	*	387	389
10 - FIVCO										
	Boyd	*	435	436	*	370	371	10	1,383	1,393
	Carter	*	212	213	*	183	184	5	653	658
	Elliott		37	37		34	34		102	102
	Greenup	*	276	279	*	235	238	9	815	824
	Lawrence		121	121		108	108		357	357
11 - BIG SANDY										
	Floyd		205	205		157	157	*	541	543
	Johnson		145	145		124	124	*	412	414
	Magoffin		91	91		80	80	*	234	236
	Martin		75	75		67	67		214	214
	Pike	*	232	233	*	190	191	5	780	785
12 - KY RIVER										
	Breathitt		123	123		102	102	*	279	280
	Knott		81	81		67	67		270	270
	Lee		55	55		43	43		136	136
	Leslie		65	65		50	50		197	197
	Letcher		113	113		95	95		348	348
	Owsley		41	41		35	35		115	115
	Perry		138	138		111	111	*	480	482
	Wolfe		60	60		52	52	*	166	167

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
13 - CUMBERLAND VALLEY										
	Bell	*	67	68	*	58	59	*	163	164
	Clay		97	97		85	85	*	333	334
	Harlan	*	201	202		170	170	*	449	450
	Jackson		64	64		45	45		192	192
	Knox		129	129		111	111	*	391	392
	Laurel		216	216		188	188	*	754	755
	Rockcastle	*	89	90	*	69	70	*	188	191
	Whitley	*	221	224	*	183	184	*	673	676
14 - LAKE CUMBERLAND										
	Adair		83	83		58	58		223	223
	Casey		71	71		54	54	*	177	178
	Clinton		31	31		23	23		74	74
	Cumberland		33	33		29	29		77	77
	Green		26	26		17	17		117	117
	McCreary		125	125		80	80	*	299	301
	Pulaski		376	376		272	272	8	1,078	1,086
	Russell		88	88		65	65	*	237	238
	Taylor	*	70	71	*	49	50	*	342	346
	Wayne		129	129		84	84		304	304

2012 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
15 - BLUEGRASS										
	Anderson		102	102		81	81	*	216	218
	Bourbon	*	94	95	*	81	82	*	284	285
	Boyle	*	147	148	*	124	125	*	319	323
	Clark		221	221		206	206	*	559	560
	Estill		95	95		74	74		200	200
	Fayette	6	805	811	5	673	678	29	2,294	2,323
	Franklin		245	245		183	183	*	499	502
	Garrard		90	90		79	79	*	209	213
	Harrison	*	109	111	*	94	96	*	242	245
	Jessamine	*	181	183	*	152	154	8	469	477
	Lincoln	*	156	157	*	124	125	*	366	368
	Madison	*	367	371	*	278	280	12	864	876
	Mercer		102	102		81	81	*	254	255
	Nicholas		34	34		31	31		108	108
	Powell		94	94		79	79		222	222
	Scott	*	185	189	*	164	168	8	418	426
	Woodford	*	104	105	*	93	94	*	273	274
Out of State										
	Out of State Total	10	1,526	1,536	9	1,265	1,274	41	4,495	4,536
Statewide	Total	92	18,454	18,546	79	15,035	15,114	423	53,260	53,683
				18505			15080			53575

* Denotes cells with fewer than 5 cases.

Note: Totals in Table 3 may not match totals in Table 2 because some facilities performed procedures within the range of codes but do not have a cardiac catheterization lab. These procedures are counted in Table 3 by patient origin, but not Table 2, which only includes facilities with CON approved cardiac cath labs.



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